

DOCKET NO: 292920US0PCT

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :
TOSHIHIRO OKI, ET AL. : EXAMINER: CHEUNG, WILLIAM K
SERIAL NO: 10/584,316 :
FILED: JUNE 23, 2006 : GROUP ART UNIT: 1796
FOR: SOFTENING DETERGENT :
COMPOSITION

DECLARATION UNDER 37 C.F.R. §1.132

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Now comes Teruo Kubota who deposes and declares that:

1. I am a graduate of Nagoya University and received my master degree in the year 1993.

2. I have been employed by the Kao Corporation for the past 16 years, as a researcher in the field of laundry detergent.

3. The following experiments were conducted by me or under my direct supervision and control.

Softening detergent compositions were prepared according to the procedure described in Examples I-1 to I-3, wherein to the detergent base, were added and mixed, clay mineral, bleaching agent, bleaching activator granule, fatty acid salt, enzyme, perfume

and 3% by mass of a zeolite for surface modification, the quantity of bleaching agent, bleaching activator granule and fatty acid salt as below. The compositions were tested for detergency and softening ability as described in the above-identified application.

	Present Invention	Comparative Examples			
	II-a	II-b	II-c	II-d	II-e
Sodium carbonate-hydrogen peroxide adduct	7	-	14	-	7
Sodium nanoyloxybenzenesulfonate	7	14	-	7	-
Sodium sulfate	5	5	5	5	5
Sodium linear C ₁₂₋₁₄ alkylbenzenesulfonate	18	18	18	18	18
Sodium sulfate of fatty acid	2	2	2	2	2
Evaluation of Detergency	A	A	A	A	A
Evaluation of Softening	A	B	B	B	B

I declare under penalty of perjury under the laws of the United States of America that the foregoing is believed to be true and correct. 28 U.S.C. 1746(1)

Teruo Kubota
Teruo Kubota

April 21, 2009
Date